

AMIRDZHANOV, A.N.; BERMAN, S.Ya.; KATS, P.D.

Coli-enteritis in young children. Azerb. med. zhur. no. 7:7-14
Jl '60. (MIRA 13:8)
(~~INTESTINES~~-DISEASES) (ESCHERICHIA COLI)

BERMAN V. A.

PA 17T106

USSR/Cables, High Frequency
Communications - Equipment

Jun 1947

"High Frequency Cable Trunk Line," V. A. Berman,
A. A. Kashutin, 3 pp

"Vest Svyaz, Elektro Svyaz'" No 6

Describes with accompanying illustrations the
advantages of the new high frequency cable which
was introduced during the latter part of 1946
and is able to handle loads up to 60 kilohertz.

17T106

AUTHOR: Berman, V.A., Chief Engineer SOV/111-59-1-17/35

TITLE: The Construction Cost of the Installation of the GTS Must Be Lowered (Snizit' stoimost' stroitel'stva sooruzheniy GTS)

PERIODICAL: Vestnik svyazi, 1959, Nr 1, p 14 (USSR)

ABSTRACT: In order to achieve the planned extension (by 1.5 times) of the intercity telephone exchanges, it is also mandatory to reduce the equipment costs wherever and as far as possible. This may be done by a greatly-increased mechanization and automation of the production processes, a thorough modernization of distribution heads, cable and terminal boxes, and of other cable equipment which largely has been left on the developmental level of the nineteen twenties. Similar to practice abroad, continuous polystyrene cable conduits should be introduced.

ASSOCIATION: Trest "Soyuztelefonstroy" (The "Soyuztelefonstroy" Trust)

Card 1/1

ALEKSEYEV, G.P.; ANDON'YEV, V.S.; ARNGOL'D, A.V.; BASKIN, S.M.;
 BASHMAKOV, N.A.; BEREZIN, V.D.; ~~BERMAN~~, V.A.; BIYANOV, T.F.;
 GORBACHEV, V.N.; GRECHKO, I.A.; GRINBUKH, G.S.; GROMOV, M.F.;
 GUSEV, A.I.; DEMENT'YEV, N.S.; DMITRIYEV, V.P.; DUL'KIN, V.Ya.;
 ZVANSKIY, M.I.; ZENKEVICH, D.K.; IVANOV, B.V.; INYAKIN, A.Ya.;
 ISAYENKO, P.I.; KIPRIYANOV, I.A.; KITASHOV, I.S.; KOZHEVNIKOV,
 N.N.; KORMYAGIN, B.V.; KROKHIN, S.A.; KUDOYAROV, L.I.;
 KUDRYAVTSEV, G.N.; LARIN, S.G.; LEBEDEV, V.P.; LEVCHENKOV,
 P.N.; LEMZIKOV, A.K.; LIPGART, B.K.; LOPAREV, A.T.; MALYGIN,
 G.F.; MILOVIDOVA, S.A.; MIRONOV, P.I.; MIKHAYLOV, B.V., kand.
 tekhn. nauk; MUSTAFIN, Kh.Sh., kand. tekhn. nauk; NAZIMOV, A.D.;
 NEFEDOV, D.Ye.; NIKIFOROV, I.V.; NIKULIN, I.A.; OKOROCHKOV, V.P.;
 PAVLENKO, I.M.; PODROBINNIK, G.M.; POLYAKOV, G.Ya.; PUTILIN, V.S.;
 RUDNIK, A.G.; RUMYANTSEV, Yu.S.; SAZONOV, N.N.; SAZONOV, N.F.;
 SAULIDI, I.P.; SDOBNIKOV, D.V.; SEMENOV, N.A.; SKRIPCHINSKIY, I.I.;
 SOKOLOV, N.F.; STEPANOV, P.P.; TARAKANOV, V.S.; TREGUBOV, A.I.;
 TRIGER, N.L.; TROITSKIY, A.D.; FOKIN, F.F.; TSAREV, B.F.; TSETSULIN,
 N.A.; CHUBOV, V.Ye., kand. tekhn. nauk; ENGEL', F.F.; YUROVSKIY,
 Ya.G.; YAKUBOVSKIY, B.Ya., prof.; YASTREBOV, M.P.; KAMZIN, I.V., prof.,
 glav. red.; MALYSHEV, N.A., zam. glav. red.; MEL'NIKOV, A.M., zam.
 glav. red.; RAZIN, N.V., zam. glav. red. i red. toma; VARPAKHOVICH,
 A.F., red.; PETROV, G.D., red.; SARKISOV, M.A., prof., red.;
 SARUKHANOV, G.L., red.; SEVAST'YANOV, V.I., red.; SMIRNOV, K.I.,
 red.; GOTMAN, T.P., red.; BUL'DYAYEV, N.A., tekhn. red.
 (Continued on next card)

ALEKSEYEV, G.P.---(continued). Card 2.

[Volga Hydroelectric Power Station; a technical report on the design and construction of the Volga Hydroelectric Power Station (Lenin), 1950-1958] Volzhskaya gidroelektrostantsiya; tekhnicheskii otchet o proektirovanii i stroitel'stve Volzhskoi GES imeni V.I.Lenina, 1950-1958 gg. V dvukh tomakh. Moskva, Gosenergoizdat. Vol.2.[Organization and execution of construction and assembly work] Organizatsiya i proizvodstvo stroitel'no-montaznykh rabot. Red. toma: N.V.Razin, A.V.Arngol'd, N.L.Triger. 1962. 591 p. (MIRA 16:2)

1. Deystvitel'nyy chlen Akademii stroitel'stva i arkhitektury SSSR (for Razin).

(Volga Hydroelectric Power Station (Lenin)--Design and construction)

BERMAN, V.Kh., mashinist portal'nogo krana

Switches on crane tracks. Energ. stroi. no.22:75-76 '61.

(MIRA 15:7)

1. Stroitel'noye upravleniye Stalingradskoy gidroelektrostantsii.
(Cranes, derricks, etc.)

BERMAN, V.L.

DECEASED
c1960

1962
~~1961~~

See ILC

CONSTRUCTION ENGINEERING/CONCRETE

HERMAN, V.M.; PONOMARENKO, Yu.F.; KOVAL', Yu.V.

Use of safety hydraulic couplings. Ugel' 33 no.9:30-33 8 '58.

(MIRA 12:1)

(Coal mining machinery--Safety appliances)

(Power transmission)

BERMAN, V. M.: Master Tech Sci (diss) -- "Investigation of turboclutches for the drive of mine hoist machinery and winches". Moscow, 1959. 16 pp (Main Admin of Sci Res and Design Organizations of the Gosplan USSR, All-Union Sci Res Coal Inst VUGI), 150 copies (KL, No 13, 1959, 104)

BERMAN, U.M.

25(2)

P.5

PHASE I BOOK EXPLOITATION

BOV/2779

Nauchno-tekhnicheskoye obshchestvo mashinostroitel'noy promyshlennosti.
Leningradskoye oblastnoye pravleniye

Gidrodinamicheskiye peredachi (Hydrodynamic Transmissions) Moscow, Mashgiz,
1959. 245 p. (Series: Its: Trudy, vyp. 52) 3,000 copies printed.

Ed.: V.P. Gur'yev, Candidate of Technical Sciences, Docent; Tech. Ed.: L.V.
Shchetinina; Managing Ed. for Literature on Machine-Building Technology
(Leningrad Division, Mashgiz): Ye.P. Naumov, Engineer.

PURPOSE: This book is intended for engineering and technical personnel in the
field of hydraulic transmission. It may also be used as a textbook for students
of higher technical schools.

COVERAGE: The book is a collection of 20 papers read at the first conference on
hydrodynamic transmissions held in Leningrad from 9-11 December, 1957, at
which problems of calculation, design, production and operation of hydraulic
clutches and hydraulic converters widely used in industry were discussed.

Card 1/5

Hydrodynamic Transmissions

SOV/27/9

References follow each article.

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1. Gur'yev, V.P. Development of Hydraulic Transmission systems and Their Application in the USSR

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A brief account of the development of hydraulic transmission in the USSR and abroad is given and basic trends in future development are discussed.

2. Kochkarev, A.Ya. Present State of the Theory of Calculation of the Hydraulic Plant of Hydrodynamic Transmissions and Their Further Development

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3. Gavrilenko, B.A. Some Problems in Calculating Hydrodynamic Torque Converters

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4. Magidovich, Ye. J. Application of the Flow Energy Theory to the Investigation and Design of Hydraulic Converters and Hydrodynamic Transmissions

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Hydrodynamic Transmissions

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Hydrodynamic Transmissions

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Hydrodynamic Transmissions

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18. Khurshudyan, G. M. Some Problems in Calculating Hydraulic Torque Converters 217
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20. Berman V.M. Calculation of External Characteristics of Turbo-clutches With Various Fillings 235

AVAILABLE: Library of Congress

Card 5/5

IS/gap
1-28-60

HERMAN, V.M.

Calculating external characteristics of turbine clutches subjected
to variable filling. [Isd.] LONITOMASH 52:235-246 '59.

(MIRA 12:12)

(Clutches (Machinery))

BERMAN, V. M., kand. tekhn. nauk

Selection of turboclutches for conveyor drives. Mekh. i avtom.
v gornoi prom. no.2:227-243 '62. (MIRA 16:1)

(Conveying machinery) (Clutches(Machinery))

TSETNARSKIY, I.A., inzh.; BERMAN, V.M., kand.tekhn.nauk

Efficiency of using a hydraulic transmission in the drive of a
rotary bucket excavator. Nauch. soob. IGD 17:114-120 '62.

(MIRA 16:7)

(Excavating machinery—Hydraulic drive)

DOKUKIN, Aleksandr Viktorovich, laureat Gosudarstvennoy premii,
zasl. deyatel' nauki i tekhniki RSFSR, prof., doktor
tekhn. nauk; BERMAN, Valerian Mikhaylovich, kand.
tekhn. nauk; PONOMARENKO, Yuriy Filippovich, kand.
tekhn. nauk; KUSOV, Yevgeniy Fedorovich, kand. tekhn.
nauk; KOVAL', Yuriy Viktorovich, inzh.; KASHTANGV,
Leonid Nikolayevich, kand. tekhn. nauk; ABRAMOV, V.I.,
ved. red.

[Centrifugal and displacement hydraulic transmissions
and the prospects for their use in the mining industry]
TSentrobezhnye i ob"emnye gidroperedachi i perspektivy
ikh primeneniia v gornoi promyshlennosti. [By] A.V.Dokukin
i dr. Moskva, Nedra, 1964. 369 p. (MIRA 18:2)

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BERMAN, V. M. <i>ca</i>				PROCESSES AND PROPERTIES - NEAR The significance of the Vi antigen of the typhoid bacillus in obtaining a high immunizing effect upon vaccination. V. M. Berman and M. I. Kanevskaya. <i>Arch. sci. biol. (U. S. S. R.)</i> 35, No. 1, 101-25 (in English, 124-5) (1939). The completeness and duration of typhoid immunity in white mice is directly related to the content of Vi antigen in the typhoid strains. S. A. Karjala 118			
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BERMAN, V. M. Prof., Col. Med. Services

"Specific Prophylaxis of the Typhus Abdominalis with Lysosubstances of the Typhus Microbes," Zhur. Mikrobiol., epidemiol. i immunobiol., No. 4-5, 1944

Chair Epidemiology, Kirov Mil. Med. Acad.

BERMAN, V. M.

25885 Berman, V. M. Allergiya i Desensibiliziruyushchaya Terapiya v
Klinike Legochnogo Tuberkuleza. V SB: Voprosy Allergii i
Imuniteta Pri Tuberkuleze. L., 1948, S. 5-32

SO: Letopis' Zhurnal Statey, No. 30, Moscow, 1948

BERMAN, V. M.
25885

Osootnosheni mezhdu infektsionnym immunitetom i allergiey pri tuberkuleze
V sb; boprosy allergii i immuniteta pri tuberkuleze. L., 1948,
S. 33-51

SO: LETOPIS NO. 30, 1948

BERMAN, V. M.
25861

Bar'effiksiruyushchaya Funktsiya Organizma V Yavleniyakh Infektsii i immuniteta.
Trudy 2-y sessii Otd-Inya Gigiyeny, Mikrobiologii i Epidemiologii, Posvyashch.
Pamyati Mechnikova (Akad. Med. Nauk SSSR.). M., 1948, S. 85-132

SO: LETOPIS NO. 30, 1948

BERMAN, V. M.

Berman, V. M. "Immunity reactance of a growing organism (Materials on the problem of increased immunology)," Trudy VI Vsesoyuz. S'yezda det. vrachey, posvyashch. pamyati prof. Filatova, Moscow, 1948, p. 260-71

SO: U-3264, 10 April 1953, (Letopis 'Zhurnal 'nykh Statey, No. 3, 1949)

BERMAN, V.M.; SLAVSKAYA, Ye.M.

Complete phagocytosis. Report No.1: New methodological principle in studying complete phagocytic reaction. Zhur.mikrobiol.epid. i immun. 29 no.3:8-13 Mr '58. (MIRA 11:4)

1. Iz kafedry mikrobiologii Leningradskogo pediatricheskogo meditsinskogo instituta.

(PHAGOCYTOSIS,
complete (Rus)

BERMAN, V. M.; PAVLOV, A. T.; SOLOV'YEV, O. I.; CHERNOV, V. N.

"Problems of microbiology and immunology of modern dysentery in young children in connection with the status of clinics."

Report submitted at the 13th All-Union Congress of Hygienists, Epidemiologists and Infectionists. 1959

BEZINA, YE.; SLAVSKAYA, YE. M.

"Age-related reactivity of the organism in infectious and immunological processes."

report submitted at the 13th All-Union Congress of Hygienists, Epidemiologists and Infectionists, 1959.

BERMAN, V.M., prof.

Microbial factor and reactivity of the body in the etiology,
pathogenesis, prevention, and treatment of coli enteritis.
Vop. okh. mat. i det. 6 no.9:17-23 3 '61. (MIRA 14:9)

1. Iz kafedry mikrobiologii (zav. - prof. V.M.Berman) Leningradskogo
pediatricheskogo meditsinskogo instituta.
(ESCHERICHIA COLI) (INTESTINES--DISEASES)

BERMAN, V.R.

LIPKINA, V.A., inzhener; ~~BERMAN, V.R., inzhener.~~

Type AVK-1 output commutation and control apparatus for feeders.
Vest.sviazi 17 no.1:6-9 Ja '57. (MLRA 10:2)

1. Rukovoditel' gruppy Tsentral'nogo konstruktorskogo byuro (for
Lipkina).

(Radio-Apparatus and supplies)

BERMAN, V.S., aspirant

The problem of colpeuryasis; a new model of colpeurynter [with summary in English]. Akush. i gin. 34 no.3:26-28 My-Je '58.
(MIRA 11:6)

1. Iz kafedry akusherstva i ginekologii (zav. - prof. I.F. Zhordania) lechebnogo fakul'teta II Moskovskogo meditsinskogo insituta.

(VAGINA, surg.

colpeuryasis, new model of colpeurynter (Rus))

BERMAN, V.S., aspirant

Physiological basis for the use of colpeuryesis in obstetrical practice;
experimental study. Akush.i gin. 35 no.5:28-34 S-0 '59.

(MIRA 13:2)

1. Iz kafedry akusherstva i ginekologii (zaveduyushchiy - prof. I.F.
Zhordania) lechebnogo fakul'teta II Moskovskogo meditsinskogo insti-
tuta imeni N.I. Pirogova.

(VAGINA, surgery)

(UTERUS, physiology)

BERMAN, V. S., Cand Med Sci -- (diss) "Reflex interrelations between muscles of the pelvic floor, the vagina, and the uterus, and their significance in the birth process. (Physiological foundation for the operation of colpeuryasis)." Moscow, 1958. 18 pp; (Second Moscow Medical Inst im N. I. Pirogov); number of copies not given; price not given; (KL, 26-60, 142)

RAMBEZ, Ivan Nikolayevich; BERMAN, Valeriya Sergeyevna;
PETRUS, V.S., dots., otv. red.

[Prevention and treatment of obstetric hemorrhages;
abstracts of lectures] Profilaktika i lechenie pri
akusherskikh krovotekheniyakh; konspekty lektsii. Uzh-
gorod, Gos. univ., 1964. 126 p. (MIRA 18:5)

BERMAN, V.S.; TSERTSVADZE, G.G.

Resuscitation of a gynecological patient following a 40-minute indirect heart massage. Eksper. khir. i anest. 9 no.6:83-84 N-D '64. (MIRA 18:7)

1. Laboratoriya eksperimental'noy fiziologii po ozhivleniyu organizma (zav. - prof. V.A.Negovskiy) AMN SSSR i 26-y rodil'nyy dom (glavnyy vrach G.G.Tsertsvadze), Moskva.

TABAK, V.Ya.; BERMAN, V.S.; NEPOMNYASHCHAYA, V.S.

Arrest of atonic uterine hemorrhage with a single electric impulse. Akush. i gin. no.1:46-49. '65.

(MIRA 18:10)

1. Laboratoriya eksperimental'noy fiziologii po ozhivleniyu organizma (zav.- prof. V.A. Negovskiy) AMN SSSR, Moskva.

BERMAN, Ya.A., inzh.

Heat emission and aerodynamic resistance of heat-exchanging tubular surfaces in the wide range of the Reynolds criterion. Khim. i neft. mashinostr. no.9:18-19 S '65. (MIRA 18:10)

BERMAN, Yakov Isaakovich; GOL'DIN, Boris Moiseyevich; VILENKIN, B.I.,
nauchnyy redaktor; LAPIN, V.I., redaktor; DVORAKOVSKAYA, A.A.,
tekhnicheskiy redaktor; KOMOLOVA, V.M., tekhnicheskiy redaktor

[Setting up radar apparatus] Nastroika radiolokatsionnoi
apparatury. Leningrad, Gos. nauchnoe izd-vo sudostroitel.
promyshl., 1957. 184 p. (MLRA 10:6)
(Radar)

VLASOV, Valerian Ivanovich; BERMAN, Yakov Isaakovich; KISLOV, A.G.,
kand. tekhn. nauk, retsenzent; PORTNOY, S.I., otv. red.;
AZAROVA, I.G., red.; TSAL, R.K., tekhn. red.

[Design of the high-frequency units of radar stations] Pro-
ektirovanie vysokochastotnykh uzlov radiolokatsionnykh stan-
tsii. Leningrad, Gos.soiuznoe izd-vo sudostroit. promyshl.,
1961. 356 p. (MIRA 15:2)

(Radar)

(Microwaves)

PHASE I BOOK EXPLOITATION SOV/6131

Berman, Yakov Isaakovich, and Boris Moiseyevich Gol'din

Nastroyka i ispytaniye radiolokatsionnoy apparatury (Tuning and Testing of Radar Apparatus). Leningrad, Sudpromgiz, 1962. 322 p. 10,700 copies printed.

Reviewer: Vladimir Nikolayevich Yakovlev, Candidate of Technical Sciences;
Scientific Ed.: Boris Il'ich Vilenkin; Ed.: I. G. Odoyevtseva; Tech. Ed.:
R. K. Tsal'.

PURPOSE: This book is intended for personnel of the radar-equipment building industry, students in tekhnikums and schools of higher education, and the personnel of radar stations.

COVERAGE: The book describes the adjusting and tuning of radar installations, and of their individual assemblies, units, and instruments. Separate sections of the book deal with the tuning and servicing of shipboard radar installations and their elements.

Card 1/7

Tuning and Testing of Radar Apparatus

SOV/6131

The most characteristic and frequently encountered defects are discussed and recommendations are made for their elimination. Special attention is paid to the tuning of centimeter-band radar equipment, which is used in the majority of radar systems. The author thanks B. I. Vilenkin, and V. N. Yakovlev, Candidate of Technical Sciences, for their assistance. There are 10 references, all Soviet.

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5. Fundamental concepts of the theory of measurement errors	13

Card 2/7

BERMAN, Yakov Isaakovich; GOL'DIN, Boris Moiseyevich; YAKOVLEV,
Vladimir Nikolayevich, kand.tekhn. nauk, retsenzent;
VILENKIN, Boris Il'ich, nauchnyy red.; ODOYEVTSEVA, I.G.,
red.; TSAL, R.K., tekhn. red.

[Adjustment and testing of radar equipment] Nastroiika i ispyta-
nie radiolokatsionnoi apparatury. Leningrad, Sudpromgiz, 1962.
322 p. (MIRA 15:7)

(Radar)

BERMAN, Ya. R.

Otryvnoe obtekanie kruglogo tsilindra v ograichenom potoke. (Prikladnaia Matematika i mekhanika, 1949, v. 13, no. 5p.543-546, diagrs

Title tr.: Separation of streamlines from a circular cylinder in a bound flow.
Reviewed by I. V. Mehansen in Mathematical Reviews, 1950, v. 11, no. 4, p.275.

SO: Aeronautical Sciences and Aviation in the Soviet Union, Library of Congress, 1955.

Berman, Ya. R.

USSR/Chemical Technology. Chemical Products and Their Application.
Mineral Salts. Oxides, Acids, Bases.

J-6

Abs Jour: Referat Zh.-Kh., No 8, 1957, 27430

Author : Ya.P. Berman, S.V. Kushnir
Inst : Lvov Polytechnical Institute
Title : Reduction of Magnesium Sulfate with Methane.

Orig Pub: Nauch. zap. L'vovsk. politekhn. in-ta, 1956, vyp. 22, 19-28.

Abstract: See RZhKhim, 1956, 26168.

Card : 1/1

-3-

**BERMAN, Ya.R.

CAND PHYSICOMATH SCI.

Dissertation: "Certain Problems of Breakaway Flow Around a Body in Plane-Parallel Flow."

26 April 49

Inst of Mechanics, Acad Sci. USSR.

**SO Vecheryaya Moskva
Sum 71**

BERMAN, YA. R.

PA 149T40

USSR/Engineering - Hydraulics

Sep/Oct 49

"Fragmental Flow Around a Circular Cylinder in
a Confined Current," Ya. R. Berman, Moscow, 4 pp

"Prik Mat i Mekh" Vol XIII, No 5

Discusses two-dimensional problem of separation
of flow around a symmetrical form close to a
circle by a flow bounded by two parallel walls.
Obtains general solution. Determines coefficients
of solution. Calculates resistance of cylinder.
Determines position of separation points on
cylinder. Submitted 24 Jul 49.

149T40

HERMAN, Ya.R. (Moskva)

Impact of a wedge in cavitation flow. Prikl.mat.i mekh. 20 no.3:
421-425 My-Je '56. (MLRA 9:8)
(Cavitation) (Impact)

S/179/62/000/004/009/010
E191/E535

AUTHOR: Berman, Ya. R. (Moscow)

TITLE: Cavitation flow around a plate at small angles of incidence

PERIODICAL: Akademii nauk SSSR. Izvestiya. Otdeleniye tekhnicheskikh nauk, Mekhanika i mashinostroyeniye, no.4, 1962, 167-171

TEXT: Cavitation flow around a plate following the pattern of N. Ye. Zhukovskiy and Roshko is considered; in which the streamlines separating at the edges of the plate and forming the boundary of the cavity behind the plate become two infinitely long walls parallel to the approaching flow of an ideal, incompressible and weightless fluid. The problem of the streamline flow around a plate inclined to the approach flow and proceeding in accordance with the above pattern has been treated earlier (T. Yao-tsu Wu, Journ. Math. and Phys., 1956, vol.35, no.3) but the plate examined was not flat but slightly cambered. The present author gives a solution of the problem directly related to the cavitation phenomenon. The forces acting on the plate are

Card 1/2

BERMAN, Ye.I., doktor meditsinskikh nauk

Subfebrile temperatures in children. Klin.med. 34 no.12:86-87 D '56.
(BODY TEMPERATURE) (MIRA 10:2)

HERMAN, Ye. L.

The ST-7 spectral stylometer. Izv. AN SSSR. Ser. fiz. 19 no.1:
38-40 Ja-F '55. (MIRA 8:9)
(Spectrum analysis) (Spectrometer)

1. BERMAN, Yu.
2. USSR (600)
4. Coal Preparation
7. Perfecting the technology of coal concentration. Mast. ugl. 1 no. 7, 1952

9. Monthly List of Russian Accessions, Library of Congress, January 1953. Unclassified.

BERMAN, Yu.A.

Bridge builders of the Gulbene division. Put' i put.khoz. no.11:24-26
N. '58. (MIRA 11:12)

1. Starehiy inzh. mostoispytatel'noy stantsii, Riga, Latviya.
(Latvia--Railroad bridges)

SOV/170-59-3-5/20

AUTHOR: Berman, Yu.A.

TITLE: Regularities in Gravitational Film Motion of Moisture in Dispersed Materials (Zakonomernosti gravitatsionnogo plenochnogo dvizheniya vlagi v dispersnykh materialakh)

PERIODICAL: Inzhenerno-fizicheskii zhurnal, 1959, Nr 3, pp 36-42 (USSR)

ABSTRACT: Regularities in gravitational film motion of moisture have not been investigated sufficiently, as the only theoretical analysis of the problem by S.V. Nerpin [Ref. 7] considers but a particular case of it. The author studied this problem under assumptions that the particles of the material in which the motion occurs are of spherical shape, and the material is uniformly dispersed and homogeneous in all of its points. The author establishes equations of motion of the moisture based on the equations of Navier-Stokes [Ref. 3] and the theory of moisture conductivity but without inertial terms in view of the low value of the Reynolds number. The analytical solution of the differential equations obtained yields an expression for the amount of flow of the moisture penetrated into a capillar-porous colloid material. In order to check the results of his theoretical treatment of the problem, the author compares them with the experimental data of S.M. Proskurnikov

Card 1/2

BERMAN, Yu.A.

Studying increases and decreases in moisture content of peat following precipitation. Torf.prom. 35 no.2:26-27 '58. (MIRA 11:5)

1. Rukovoditel' gruppy Vsesoyuznogo nauchno-issledovatel'skogo instituta torfyanoy promyshlennosti.
(Peat)

BERMAN, Yu. A., Candidate of Tech Sci (diss) -- "Investigation of the kinetics and dynamics of wetting and drying of milled peat after wetting". Kalinin, 1959.
20 pp (Min Higher Educ, Kalinin Peat Inst), 150 copies (KL, No 22, 1959, 114)

BERMAN, Yu.A., inzh.; MUSIKHIN, K.M., inzh.

Drying litter peat in a pneumatic tube gas drier. Torf.prom.
36 no.8:5-8 '59. (MIRA 13:3)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut torfyanoy
promyshlennosti (for Berman). 2. Leningprotorf (for Musikhin).
(Peat--Drying)

SOKOLOV, I.D.; BERMAN, Yu.A., kand.tekhn.nauk

Investigating the process of an artificial additional drying of
peat litter. Torf.prom. 37 no.6:19-22 '60. (MIRA 13:9)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut torfyanoy promysh-
lennosti. (Peat--Drying)

BERMAN, Yu.A.

Kinetics of drying lump materials in a moving bed. Inzh.-
fiz. zhur. 6 no.6:106-112 Je '61. (MIRA 16:6)

1. Vsesoyuznyy nauchno-issledovatel'skiy i proyektnyy institut
mekhanicheskoy obrabotki pelesnykh iskopayemykh, Leningrad.
(Drying)

BERMAN, Yu.A.

Cooling of nodules after roasting. Obog. rud. 8 no.2:16-19 '63.
(MIRA 17:2)

BERMAN, Yu.A.; MILLER, V.Ya., prof.

Production of metallized pellets from thin iron concentrates.
Obog. rud 9 no.4:21-26 '64. (MIRA 18:5)

BERMAN, Yu.L.

Multipurpose attachments with interchangeable parts. Avt. prom.
29 no. 11:38-40 N. '63. (MIRA 16:12)

1. Gor'kovskiy avtozavod.

BERMAN, Yu. Z.

"Affection of the Nervous System During Sarlan Disease." Cand Med Sci,
Molotov Medical Inst, Novosibirsk, 1954. (RZhBiol, No 7, Apr 55)

SO: Sum. No. 704, 2 Nov 55 - Survey of Scientific and Technical Dissertations
Defended at USSR Higher Educational Institutions (16)

BERMAN, Z.

Trenchless transfer cars. Stroimaterial., izdel. i konstr. 1 no.8:
32-33 Ag'55. (MIRA 8:11)

1. Glavnyy inzhener proyekta Instituta "Giprostroyaterialy"
(Brickmaking machinery)

LAZARYAN, V.A., prof.; FRISHMAN, M.A.; L'VOV, A.A., kand.tekhn.nauk;
LIPOVSKIY, R.S., inzh.; ~~BERMAN, Z.G., inzh.~~; LEVANKOV, I.S., inzh.

Wheel and rail interaction forces caused by short-distance unevenness
of the track. Vest.TSNII MPS 19 no.6:9-12 '60. (MIRA 13:9)

1. Dnepropetrovskiy institut inzhenerov zheleznodorozhnogo
transporta.

(Railroads--Rails)

(Car wheels)

BERMAN, Z. I.

"New Method of Phenogenetic Investigation", (p. 356) by Berman, Z. I.

SO: Advances in Contemporary Biology (USPEKHI SOVREMENNOI BIOLOGII) Vol. V, No. 2 1936

USSR/General Problems of Pathology - Tumors. General Problems.

U

Abs Jour : Ref Zhur Biol., No 6, 1959, 27298

Author : Berman, Z.I.

Inst : Smolensk State Teachers' Institute

Title : The Pre-Tumoral Condition as a Defensive Reaction of the Organism.

Orig Pub : Uch. zap. Smolenskogo gos. ped. in-ta, 1956, vyp. 3, 379-406

Abstract : The precarcinomatous condition is regarded as a defensive reaction to distortion of the insuline-adrenalin function of the organism which disrupts S metabolism, as a consequence of which the correlation between respiration and glycolysis in the tissues is displaced in favour of anaerobic splitting. The organism adapts to the new type of oxygenation by means of the formation of lactic acid and

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USSR/General Problems of Pathology - Tumors. General Problems

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Abs Jour : Ref Zhur Biol., No 6, 1959, 27298

dioxyacetone which removes for a time the appearance of symptoms of carcinoma. At various stages the shifts of metabolism are reversible. They may be discovered by means of a fluorescein indicator according to Kachugin. This test is sensitive and permits evaluating quantitatively the dynamics of the process and effectiveness of treatment. -- A.G. Andres

Card 2/2

USSR / General Problems of Pathology. Tumors. Experimental Therapy. U

Abs Jour: Ref Zhur-Biol., No 22, 1958, 102590.

Author : Berman, Z. I.
Inst : Smolensk State Teachers' Institute.
Title : On a Chemo-Biologic Method of Interference in the Metabolic Processes in Neoplastic Diseases.

Orig Pub: Uch. zap. Smolenskogo gos. ped. in-ta, 1957, vyp. 4, ch. 1, 101-104.

Abstract: Apples to which tuberculin was preliminarily introduced induced an improvement in the condition of carcinomatose patients. The cause of this effect, according to the opinion of the author, is connected with the fact that tuberculin is an active biostimulus which contains a powerful growth

Card 1/2

USSR / General Problems of Pathology. Tumors. Experimental Therapy. U

Abs Jour: Ref Zhur-Biol., No 22, 1958, 102590.

Abstract: factor. This was shown in experiments of the author on the soaking of grain seeds in a 1:500 solution of tuberculin. The removal of cachexia in the introduction into the human organism of plants which were subjected to the action of tuberculin is connected with the fact that tuberculin stimulates the growth of normal tissues. Passing of tuberculin through the plants changes the physiologic spectrum of its growth action. Plants treated with tuberculin should be utilized in combination with restorative substances (for sample, isoniazide). -- G. I. Roskin.

Card 2/2

70

BERMANN, Gregorio, prof.

Second International Psychiatric Congress. Zhur.nevr. i psikh. 57
no.11:1438-1439 '57. (MIRA 11:1)

1. President Obshchestva psikhiiatrii, nevrologii i neyrokhirurgii
g. Kardova (Argentina).
(PSYCHIATRY)

~~BERMANN, Istvan~~

How does a railroad emergency brake operate? Elet tud 17
no.26:Suppl.:Tarkatudomány 3 no.13:103 1 J1 '62.

BERMANN, Istvan

Conference on freight laws in Budapest. Vasut 12 no.11:18
26 N '62.

1. "Vasut" szerkesztoje.

BERMANN, Istvan

The Grivita volley occurred thirty years ago. Vasut 13
no.3:24 Mr '63.

1. "Vasut" szerkesztoje.

BERMANN, Istvan; VARKUTI

Why has the Dunakeszi Vehicle Repair Shop received for the second time the Challenge Flag of the Council of Ministers and the Central Council of Trade Unions? Vasut 13 no.5:3 My '63.

1. "Vasut" szerkesztoje (for Bermann).

BERMANN, Istvan

An important conference on the state of the innovation movement. Vasut 13 no.5:9-10 My '63.

1. "Vasut" szerkesztoje.

BERMANN, Istvan

National conference on railroad operations in Hungary. Vasut
13 no.5:15 My '63.

1. "Vasut" szerkesztoje.

BERMANN, Istvan

Railroad socialist brigade conference. Vasut 13 no.6:6-7
Je '63.

1. "Vasut" szerkesztoje.

BERMANN, Istvan

Conference on city transportation. Vasut 13 no.10:4
0 '63.

1. "Vasut" szerkesztoje.

BERMANN, Istvan (Budapest); TUSER, Andrej (Bratislava)

A visit to Sturovo, the common border station. Vasut 14
no. 2: 10 F '64.

1. "Vasut" felelos szerkesztoje (for Bergmann).

BERMANN, Istvan

A new passenger railroad terminal was built in Novi Sad. Vasut
14 no.6:8 Je '64.

1. Editor, "Vasut."

BERMANN, Istvan

The Leipzig Spring Fair has been a great success. Vasut 14
no. 3:8 Mr '64.

Days of documentary films on transportation in Budapest.
Ibid.:15

1. Editor, "Vasut", Budapest.

BERMANN, Istvan

Exhibition on the "Technical development fund in transportation."
Vasut 14 no.12:8-9 D '64.

1. Editor, "Vasut."

BERMANN, Istvan

How does the Pecs Directorate make preparation for fulfilling the 1962 plan? Vasut 12 no.3:10-11 Mr '62.

1. Editor, "Vasut", Budapest.

BERMANN, Istvan

Network of social controllers is being enlarged by the
Hungarian State Railways. Vasut 15 no.1:3 of cover Ja '65.

1. Editor, "Vasut".

Bermann, J.

Protection in cases of asymmetric load of generators. p.220
ELEKTROTECHNICKY OBZOR. (Ministerstvo strojirenstvi a Ministerstvo
paliv a energetiky) Praha. Vol. 45, no. 5, May 1956.

Source: EEAL LC Vol. 5, No. 10 Oct. 1956

BERMANN, J.

"Protection of bus bars."

ENERGETIKA, Praha, Czechoslovakia, Vol. ⁹ no. 5, May 1959

Monthly List of East European Accessions Index (EEAI), Library of Congress,
Vol. 8, No. 8, August 1959

BERMANN, J.

More on the protection of bus bars. p. 366.

ENERGETIKA. (Ministerstvo energetiky a Ceskoslovenska vedecka technicka spolecnost pro energetiku pri Ceskoslovenska akademii ved) Praha, Czechoslovakia. Vol. 9, no. 7, July 1959.

Monthly list of East European Accessions (EEAI) LG, vol. 9, no. 1, Jan. 1960.

Uncl.

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BERMANOWA, Gustawa, Dr

Dr Teofil Kaczorowski, the great clinician of the 19th century, on the role of foci of infection. Postepy reumat. no.1:250-256 1954.

1. Z Panstwowego Instytutu Reumatologicznego Dyrektor: prof. dr E. Reicher.

(BIOGRAPHIES,

Kaczorowski, Teofil)

BERMANOWA, Gustawa (Warszawa, ul. Klonowa 4 m 1)

Role of foci of infection in rheumatic diseases. Czasopismo
stomat. 7 no.6:253-268 Jo '54.

1. Z Panstwowego Instytutu Reumatologicznego. Dyrektor: prof.
dr E. Reicher.

(FOCAL INFECTION,

*dent., in etiol. of rheum.)

(RHEUMATISM, etiology and pathogenesis,

*focal infect., dent.)

BERMANOWA, Gustawa

Value of Waldmann's vial test. Postepy reumat. no.2:66-78
1956.

1. Z Panstwowego Instytutu Reumatologicznego w Warszawie :

Dyrektor: prof. dr. E. Reicher.

(RHEUMATISM, diag.

Waldmann's vial test (Pol))

(INFECTION, diag.

same)

Bermanowa
KWAPINSKI, J.; BERMANOWA, G.; GALL, W.

Research on the action of salicylate on streptococci. Postepy reumat.
no.3:37-43 1957.

1. Z Instytutu Reumatologicznego w Warszawie. Dyrektor: prof. dr. El.
Reicher.

(STREPTOCOCCUS, eff. of drugs on
sodium salicylate, in vitro action on hemolytic streptoc.
(Pol))

(SODIUM SALICYLATE, eff.
on streptoc., hemolytic, in vitro action (Pol))

BERMANOWA, Gustawa , dr.

Findings on CRP, BSR and ASO during treatment of dental focal infection in various groups of rheumatic patients. Reumatologia (Warsz) 3 no.1:57-62 '65.

1. Z Zakładu Stomatologii Instytutu Reumatologicznego (Kierownik: dr. G. Bermanowa) i z Zakładu Mikrobiologii Instytutu Reumatologicznego (Kierownik: doc. Z. Swierczyńska; Dyrektor Instytutu: dr. med. W. Bruhl).

~~BERMAN~~ ~~A. Anisim Fedorovich~~, prof. [deceased]. Prinsipal uchastiye
ARAMANOVICH, I.G., dots.; UGAROVA, N.A., red.; BRUDNO,
K.F., tekhn. red.

[Brief course in mathematical analysis for institutes of
higher education] Kratkii kurs matematicheskogo analiza
dlia vtuzov. Izd.2., ispr. Moskva, Fizmatgiz, 1963. 663 p.
(MIRA 16:8)

(Mathematical analysis)

VERNER, T.B.; GOROBINCHENKO, V.M., inzh., nauchn.-tekhn.red.; ~~BERMANT~~,
A.I., ved.red.

[Continuous mills of hot and cold rolling; a biblio-
graphy] Nepreryvnye stany goriachei i kholodnoi prokatki;
bibliograficheskii ukazatel'. Moskva, TsIINChM, 1963. 114 p.
(MIRA 17:8)

1. Moscow. TSentral'naya nauchno-tekhnicheskaya biblioteka
chernoy metallurgii.

S/020/62/145/004/007/024
B112/B102

16.8000

AUTHORS: Yemel'yanov, S. V., and Bermant, M. A.

TITLE: Design of high-quality automatic control systems for objects with variable parameters

PERIODICAL: Akademiya nauk SSSR. Doklady, v. 145, no. 4, 1962, 748 - 751

TEXT: The system of differential equations $d\vec{x}/dt = \vec{F}(\vec{x})$, where $\vec{x} = (x_1, \dots, x_n)$; $\vec{F} = (f_1, \dots, f_n)$; $f_i = x_{i+1}$ ($i = 1, 2, \dots, n-1$); $f_n = \sum_{j=1}^n \psi_j(\vec{x})x_j$; $\psi_j(\vec{x}) = a$; for $\sum_{j=1}^n c_j x_j > 0$, $\psi_j(\vec{x}) = b_j$ for $\sum_{j=1}^n c_j x_j < 0$ ($i = 1, 2, \dots, n$), is solved in such a way that the solutions depend on the object parameters a_i and b_i only outside a certain region U . A second-order system is considered as an example. There are 3 figures.

ASSOCIATION: Institut avtomatiki i telemekhaniki (Institute of Automation and Telemechanics)

Card 1/2

Design of high-quality automatic ...

S/020/62/145/004/007/024
B112/B102

PRESENTED: March 14, 1962, by B. N. Petrov, Academician

SUBMITTED: March 12, 1962

✓B

Card 2/2 .

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ACCESSION NR: AP3000465

S/0103/63/024/005/0615/0627

AUTHOR: Bermant, M. A.; Yemel'yanov, S. V.

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TITLE: Method for controlling a certain class of variable-parameter systems

SOURCE: Avtomatika i telemekhnika, v. 24, no. 5, 1963, 615-627

TOPIC TAGS: variable-structure controlled systems, automatic control systems

ABSTRACT: In many cases the controlled-system parameters vary over a wide range. An automatic-control system that permits unlimited increase in the amplification factor of an open-loop system can be used in such cases. For closed-loop systems, similar conditions arise under a "sliding regime", instead of the unlimited a. f. The sliding regime can occur, with certain limitations, in any dynamic system that can be described by a set of differential equations having discontinuous right-hand members. Specifically, it can occur in "variable-structure" systems. The above differential equations are analyzed in the article. Controlling the variable-parameter neutral system by means of a floating-action controller is considered in detail. A numerical example is presented. Orig. art. has: 57 equations and 10 figures.

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[illegible]

and the β parameter is the inverse of the variance of the error term. The β parameter is estimated by the following equation:

I described the control could be considered as "frozen." The present article

TRANSIENT PROCESSES SHOULD BE TAKEN INTO ACCOUNT. A separate

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